

1 17. A computer-implemented method for managing a dynamic Web page
2 generation request to a Web server, said computer-implemented method comprising the
3 steps of:
4 routing a request from a Web server to a page server, said page server receiving
5 said request and releasing said Web server to process other requests wherein said routing
6 step further includes the steps of:
7 intercepting said request at said Web server and routing said request to said page
8 server;
9 processing said request, said processing being performed by said page server
10 while said Web server concurrently processes said other requests; and
11 dynamically generating a Web page in response to said request, said Web page
12 including data dynamically retrieved from one or more data sources.

1 18. The computer-implemented method in Claim 17 wherein said step of routing
2 said request includes the steps of:
3 routing said request from said Web server to a dispatcher; and
4 dispatching said request to said page server.

1 19. The computer-implemented method in Claim 17 wherein said step of
2 processing said request includes the step of identifying said one or more data sources
3 from which to retrieve said data.

1 20. The computer-implemented method in Claim 17 wherein said step of
2 dynamically generating said Web page includes the step of dynamically retrieving said
3 data from said one or more data sources.

1 21. The computer-implemented method in Claim 17 wherein said step of
2 processing said request includes the step of said page server maintaining a connection
3 cache to said one or more data sources.

1 22. The computer-implemented method in Claim 17 wherein said step of
2 processing said request includes the step of logging into said one or more data sources.

1 23. The computer-implemented method in Claim 17 wherein said step of
2 dynamically generating said Web page includes the step of maintaining a page cache
3 containing said Web page.

1 24. The computer-implemented method in Claim 17 wherein said page server
2 includes tag-based text templates for configuring said Web page.

1 25. The computer-implemented method in Claim 24 wherein said step of
2 processing said request further includes the step of inserting said dynamically retrieved
3 data from said one or more data sources into said tag-based text templates.

1 26. The computer-implemented method in Claim 24 wherein at least one of said
2 tag-based text templates drives a format of the data dynamically retrieved from said one

3 or more data sources in response to said request.

1 27. The computer-implemented method in Claim 24 wherein said tag-based text
2 templates include HTML templates.

1 28. The computer-implemented method in Claim 17 wherein said step of
2 processing said request further includes the step of dynamically updating data at said one
3 or more data sources.

1 29. The computer-implemented method in Claim 17 wherein said step of
2 processing said request further includes the step of processing an object handling
3 extension.

1 30. The computer-implemented method in Claim 29 wherein said object handling
2 extension is an OLE extension.

1 31. A computer-implemented method comprising the steps of:
2 transferring a request from an HTTP-compliant device to a page server, said page
3 server receiving said request and releasing said HTTP-compliant device to process other
4 requests wherein said transferring step further includes the steps of:

5 intercepting said request at said HTTP-compliant device and transferring said
6 request to said page server;

7 processing said request, said processing being performed by said page server
8 while said HTTP-compliant device concurrently processes said other requests; and

9 dynamically generating a page in response to said request, said page including
10 data dynamically retrieved from one or more data sources.

1 32. The computer-implemented method in Claim 31 wherein said step of
2 transferring said request includes the steps of:
3 transferring said request from said HTTP-compliant device to a dispatcher; and
4 dispatching said request to said page server.

1 33. The computer-implemented method in Claim 31 wherein said step of
2 processing said request includes the step of identifying said one or more data sources
3 from which to retrieve said data.

1 34. The computer-implemented method in Claim 31 wherein said step of
2 dynamically generating said page includes the step of dynamically retrieving said data
3 from said one or more data sources.

1 35. The computer-implemented method in Claim 31 wherein said step of
2 processing said request includes the step of said page server maintaining a connection
3 cache to said one or more data sources.

1 36. The computer-implemented method in Claim 31 wherein said step of
2 processing said request includes the step of logging into said one or more data sources.

1 37. The computer-implemented method in Claim 31 wherein said step of

2 dynamically generating said page includes the step of maintaining a page cache
3 containing said page.

1 38. The computer-implemented method in Claim 31 wherein said page server
2 includes tag-based text templates for configuring said page.

1 39. The computer-implemented method in Claim 38 wherein said step of
2 processing said request further includes the step of inserting said dynamically retrieved
3 data from said one or more data sources into said tag-based text templates.

1 40. The computer-implemented method in Claim 38 wherein at least one of said
2 tag-based text templates drives a format of the data dynamically retrieved from said one
3 or more data sources in response to said request.

1 41. The computer-implemented method in Claim 38 wherein said tag-based text
2 templates include HTML templates.

1 42. The computer-implemented method in Claim 31 wherein said step of
2 processing said request further includes the step of dynamically updating data at said one
3 or more data sources.

1 43. The computer-implemented method in Claim 31 wherein said step of
2 processing said request further includes the step of processing an object handling
3 extension.

1 44. The computer-implemented method in Claim 43 wherein said object handling
2 extension is an OLE extension.

1 45. A computer-implemented method comprising the steps of:
2 transferring a request from an HTTP-compliant device to a dispatcher;
3 maintaining dynamic information regarding data sources a given page server may
4 access;
5 dispatching said request to an appropriate page server based on said request and
6 based on said dynamic information, said page server receiving said request and releasing
7 said HTTP-compliant device to process other requests;
8 processing said request, said processing being performed by said page server
9 while said HTTP-compliant device concurrently processes said other requests; and
10 dynamically generating a page in response to said request, said page including
11. data dynamically retrieved from one or more data sources.